



## TECHNICAL SPECIFICATIONS

### Rapid Run™ High Throughput Beads

BEAD GEOMETRY	Spherical	
BEAD STRUCTURE	Highly cross-linked agarose	
BEAD SIZE RANGE	50 – 150 $\mu\text{m}$	
TEMPERATURE STABILITY	Autoclavable at 120 °C for 20 min in H <sub>2</sub> O	
pH STABILITY	pH 1.8-14 short term / pH 3.8-13 long term	
CHEMICAL STABILITY	Most commonly used aqueous and organic solutions including: 1 M NaOH, 8M Urea, 5M guanidine HCl, 75% ethanol	
PRODUCT NAME	4% Rapid Run™ Agarose Bead STANDARD	6% Rapid Run™ Agarose Bead STANDARD
BEAD AGAROSE %	4%	6%
CAT. No.	4RRS-X*	6RRS-X*
EXCLUSION LIMIT	$\sim 3 \times 10^7$	$\sim 4 \times 10^6$
MAXIMUM FLOW RATE at 15 cm bed height <sup>1</sup>	$\geq 500$ cm /h	$\geq 1,000$ cm/h
MAXIMUM PRESSURE at 15 cm bed height <sup>1</sup>	$\geq 150$ kPa	$\geq 300$ kPa
ANTIMICROBIAL AGENT	20% Ethanol	
RECOMMENDED STORAGE TEMPERATURE	2 - 30°C	

<sup>1</sup>Column; XK 16/40 (15 cm bed height). System: Äkta Purifier UPC 100. Maximum flow rates: The highest flow that beads withstood for 1 minute without collapsing and the pressure reaching 1MPa.

X\*: Product Quantity (500 ml, 1 L or 10 L)

For laboratory use only. Not for use in diagnostic or therapeutic procedures.